

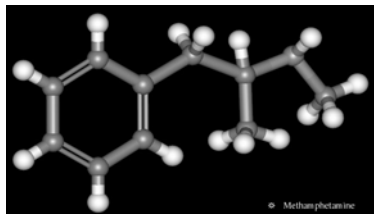
# METHAMPHETAMINE 101: ETIOLOGY AND PHYSIOLOGY OF AN EPIDEMIC

## Describing the Physical, Chemical, & Physiological Properties of Methamphetamine

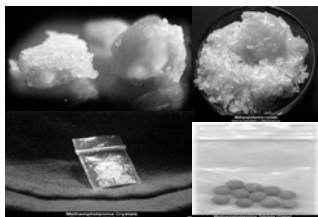
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University of California, Los Angeles

VHS/DVD Location...00:06:28

## Chemical Composition



## Sensory Properties



Total of All Methamphetamine Laboratories  
Including Labs Only, Meth Only  
Calendar Year 2003



Source: National Classification Laboratory Database  
Total: 7,858 / 44 States Reporting  
Date: 01/01/03 to 12/31/03

### Documented Labs, 2003: Selected States

\*Not including total seizures of  
chemical glassware and dumpsites

- Missouri: 834
- California: 709
- Arkansas: 543
- Tennessee: 499
- Indiana: 422
- Oklahoma: 402
- Washington: 361

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### Methamphetamine Manufacturing: A High Risk Occupation

- Fires
- Explosions
- Toxic gases
- Toxic wastes



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### Toxic Byproducts of Methamphetamine Manufacturing

- Hydrochloric acid
- Mixing & heating red phosphorous
- Straining sodium hydroxide
- Solvents
- Conversion to base
- Salting & drying

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### Individuals at Risk of Toxicity from MA Manufacturing

- Manufacturers
- Law enforcement officers taking down the labs
- Residents within the homes, especially children
- Neighbors
- Future home owners of residences previously used as labs

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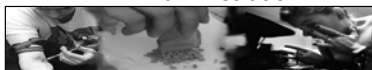
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## Most Commonly Used Routes of Administration



- Oral consumption (i.e. swallowing)
- Intranasal consumption (i.e. snorting)
- Inhalation into the lungs (generally by smoking)
- Intravenously via hypodermic syringe

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## Latency of Onset & Duration of High

Route of Administration	Form of Drug	Onset of Action	Duration
Oral (swallowed)	Powder/ Pill	10-30 mins	3-5 hrs
Intranasal (snorted)	Powder	3-5 mins	3-5 hrs
Intravenously (injected)	Solution	5-10 seconds	4-6 hrs
Inhalation (smoked)	Crystal	5-10 seconds	8-24 hrs

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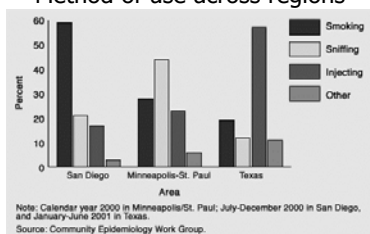
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## Method of use across regions




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## METHAMPHETAMINE 101: ETIOLOGY AND PHYSIOLOGY OF AN EPIDEMIC

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### Price Elasticity & Methamphetamine

Location	Price per Gram
Washington, DC	\$150 - \$180
Baltimore	\$70 - \$300
St. Louis	\$100 - \$150
Dallas	\$70 - \$100
Seattle	\$20 - \$60

SOURCE: NDIC, Narcotics Digest Weekly: Illicit Drug Prices, July-December 2002.

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